PTO/SB/14 (08-05) Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Officer the Pape	I WOLK REGUELION	ACI OI 19	so, no per	sons are req	uireu to respont	to a conecu	OH OH HIN	omation unless i	CONTAINS & VANG OND COL	ili Oi Hullibei	
Application Data Sheet 37 CFF				Attorney Docket Number			2004008611					
Appli	ication Data	Silect 51	CIK	1.70	Applica	tion Numb	er					
Title of	f Invention S	SYSTEM AND) METH	OD FO	R FAILSO	FT HEADEN	ID OPER	ATION				
bibliogra This do	aphic data arranged	in a format sp mpleted electr	ecified b	y the Uni and subi	ited States mitted to th	Patent and Tr	ademark O	ffice as	outlined in 37	following form contains CFR 1.76. onic Filing System (EF		
Secre	ecy Order (37 CFR	5.2									
										Secrecy Order pur I electronically.)	suant to	
Appli	cant Inforr	nation:										
Applic	ant 1									Remove		
Applic	ant Authority	Inventor	○Le	gal Rep	resentativ	e u n der 35	U.S.C. 11	7	Party of I	nterest under 35 U.S	.C. 118	
Prefix	Given Name			Mi	ddle Nai	me		Fam	ily Name		Suffix	
	Richard			М				Wou	ındy			
Resid	ence Informat	ion (Select	One)	US	Residenc	y O N	on US Re	sidency Active US Military Service				
City	North Readi n g			State/	Province	MA	Countr	y of R	y of Residence i US			
Citize	nship under 37	CFR 1.41(b) i	US								
Mailin	g Address of A	Applicant:										
Addre	ss 1	17 Fole	y Drive									
Addre	ss 2											
City	North Rea	ding				Sta	te/Provir	псе	MA			
Postal	l Code	01864				Country	US		,			
Applic	ant 2									Remove		
	ant Authority	Inventor		gal Rep	rese n tativ	e under 35	U.S.C. 11	7	Party of Ir	nterest under 35 U.S	.C. 118	
Prefix				Middle Name			Family Name			Suffix		
	Jean-Pol						Zundel					
Resid	lence Informat	ion (Select	One)	① US	Residenc	y O N	on US Re	sidency	y Activ	e US Military Service	e	
City	Berwyn			State/	Province	PA	Countr	y of R	Residence i	US		
Citize	nship under 37	CFR 1.41(b) i	US								
Mailin	g Address of A	Applicant:										
Addre	ss 1	841 Clo	verly Ro	ad								
Addre	ss 2											
City	Berwyn					Sta	te/Provir	псе	PA			
Postal	l Code	19312				Country	US		-			
Applic	ant 3									Remove		
Applic	ant Authority	Inventor	OLe	gal Rep	resentativ	e under 35	U.S.C. 11	7	Party of Ir	nterest under 35 U.S	.C. 118	
Prefix				Mi	ddle Na	me		Fam	ily Name		Suffix	
	Neville							Blac	:k			
Resid	lence Informat	ion (Select	One)	US	Residenc	y O N	on US Re	sidency	y Activ	e US Military Service	e	
City	Collegeville			State/	Province	PA	Countr	y of R	Residence i	US		

PTO/SB/14 (08-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it contains a valid OMB control number.

Attorney Docket Number 2004008611												
Appli	cation Da	ta She	et 37 C	FR 1.76	Attorne				200400	J8611		
Title of	Title of Invention SYSTEM AND METHOD FOR FAILSOFT HEADEND OPERATION											
Citizer	Citizenship under 37 CFR 1.41(b) i US											
Mailin	Mailing Address of Applicant:											
Addre	Address 1 3729 Worthington Road											
Address 2												
City	College	eville						State/Province		PA		
Postal	Code	19	9426			Cou	intryi	US				
Applic	ant 4										Remove	
Applic	ant Authori	ty ① lnv	entor	Legal Re	presentativ	/e und	er 35	U.S.C. 11	7	Party of In	terest under 35 U	.S.C. 118
Prefix	Given Nam	пе		I.	liddle Na	me			Family	/ Name		Suffix
	Harry								Hartley	1		
	ence Inform		Select Or		S Residenc	`	_	on US Re			US Military Serv	ice
City	Brandenton				/Province	e 1	FL	Countr	y of Res	sidence i	US	
	nship under			US								
	g Address o											
Addre		19	901 60th F	PL, Suite L	4136							
Addre												
City	Brande						<u> </u>	te/Provir	ice	FL		
Postal			4203		Countryi US							
	rentors Must ited within th					Inform	nation	blocks	may be		Add	
Corre	sponder	nce In	forma	tion:								
	either Custo rther inform					espo	nden	ce Inforn	nation s	ection bel	low.	
□ A	n Address is	s being	provided	for the	correspor	ndend	e Inf	ormation	of this	applicatio	n.	
Custo	mer Numbe	r	50764									
Email	Address				Add Email					mail Remo	ve Email	
Appli	cation In	forma	ation:									
Title o	f the Inventi	on	SYSTE	M AND ME	THOD FO	R FAIL	SOFT	HEADEN	D OPER	ATION		
Attorney Docket Number 200400861			004008611 Small Entity Status Claimed									
Applic	ation Type		Nonprov	/isiona l								
Subjec	ct Matter		Utility									
Sugge	sted Class	(if any)					Sub Class (if any)					
Sugge	sted Techno	ology C	enter (if	any)						•		
Total I	Number of D	rawing	Sheets (if any)				Suggeste	d Figur	e for Publ	ication (if any)	

PTO/SB/14 (08-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application Data S		,	Attorney D	ocket Number	200400861	1	
	heet 37 CF	-R 1.76	Application	Number			
Title of Invention SY	STEM AND ME	ETHOD FOR	RFAILSOFT	HEADEND OPERA	ATION		
Publication Information	n:						
Request Early Pub	lication (Fee	required at	time of Rec	uest 37 CFR 1.2	19)		
Request Not to Pu and certify that the application filed in after filing.	e invention dis	closed in the	ne attached	application has	not been an	d will not be	` '
Representative l	nformatio	on:					
Representative information this information in the App Enter either Custome are completed the Custom	lication Data Si r Number	heet does no or comple	ot constitute a ete the F	a power of attorney Representative N	in the application	ation (see 37 on below.	CFR 1.32).
Please Select One:	Custon	ner Number	O US	Patent Practitione	r O US	Representa	tive (37 CFR 11.9)
Customer Number	50764						
Domestic Priority This section allows for the							
application data sheet cor (4), and need not otherwise	stitutes the spe	ecific referen	ce required b				
	stitutes the spe se be made par	ecific referen	ce required b			37 CFR 1.78	
(4), and need not otherwis	stitutes the spe se be made par	ecific referen	ce required bification.) or 120, and	37 CFR 1.78	(a)(2) or CFR 1.78(a)
(4), and need not otherwis Prior Application Sta	estitutes the species be made par	ecific referent t of the spec	ce required bification.	oy 35 U.S.C. 119(e) or 120, and	37 CFR 1.78	(a)(2) or CFR 1.78(a) move ate (YYYY-MM-DD)
(4), and need not otherwis Prior Application Sta	estitutes the species be made partius non prov	ecific referent t of the spec Continuity T	ce required bification.	py 35 U.S.C. 119(e) or 120, and	Rei Filing Da 2004-01-29	(a)(2) or CFR 1.78(a) move ate (YYYY-MM-DD)
(4), and need not otherwis Prior Application Sta Application Number	istitutes the spe se be made par tus non prov	ecific referent t of the spec Continuity T	ce required bification.	py 35 U.S.C. 119(e) or 120, and on Number	Rei Filing Da 2004-01-29	move ate (YYYY-MM-DD)
(4), and need not otherwise Prior Application State Application Number Prior Application State	non prov	ecific referent t of the spec Continuity Trisional of	ce required bification.	Prior Applicati 60/540161) or 120, and on Number	Rei Filing Da 2004-01-29	move atte (YYYY-MM-DD) move atte (YYYY-MM-DD) move atte (YYYY-MM-DD)
(4), and need not otherwise Prior Application State Application Number Prior Application State	non prov	ecific referent of the spec Continuity T isional of Continuity T	ce required bification.	Prior Applicati 60/540161 Prior Applicati 60/598241	on Number	37 CFR 1.78	move atte (YYYY-MM-DD) move atte (YYYY-MM-DD) move atte (YYYY-MM-DD)
(4), and need not otherwise Prior Application State Application Number Prior Application State Application Number Additional Domestic Prior Add button.	non proviority Data m	continuity Trisional of Continuity Trisional of Continuity Trisional of	ce required bification.	Prior Applicati 60/540161 Prior Applicati 60/598241	on Number	37 CFR 1.78	move atte (YYYY-MM-DD) atte (YYYY-MM-DD) atte (YYYY-MM-DD) atte (YYYY-MM-DD) atte (YYYY-MM-DD)
(4), and need not otherwise Prior Application State Application Number Prior Application State Application Number Additional Domestic Prior Add button.	non proviority Data m	continuity T isional of ay be generated as the continuity T isional of ay be generated as the continuity T isional of ay be generated as the continuity T isional of any be generated as the continuity T is is a continuity T is is a continuity T is	ce required bification. Type Type Erated withing	Prior Applicati 60/540161 Prior Applicati 60/598241 n this form by s	on Number on Number electing	Rec Filing Da 2004-01-29 Filing Da 2004-08-05 Filing Da 2004-08-05	move ste (YYYY-MM-DD) move ste (YYYY-MM-DD) move ste (YYYY-MM-DD) a add
(4), and need not otherwise Prior Application Star Application Number Prior Application Star Application Number Additional Domestic Prior Add button. Foreign Priority This section allows for the not claimed. Providing this and 37 CFR 1.55(a).	non proviority Data m	continuity T isional of ay be generated on:	ce required bification. Type Type erated withing foreign prior on data sheet	Prior Applicati 60/540161 Prior Applicati 60/598241 In this form by s	on Number on Number electing any prior fore	Rei Filing Da 2004-01-29 Filing Da 2004-01-29 Filing Da 2004-08-00	move atte (YYYY-MM-DD) atte (YYYYY-MM-DD) atte (YYYY-MM-DD) atte (YYMY-MM-DD) atte (YYMT-MM-DD) atte (YYMT-MM-DD) atte (YYMT-MM-DD) atte (YYMT-MM-DD) atte (YY
(4), and need not otherwise Prior Application State Application Number Prior Application State Application Number Additional Domestic Priority This section allows for the not claimed. Providing this	non proviority Data m	continuity T isional of ay be generated as the continuity T isional of ay be generated as the continuity T isional of ay be generated as the continuity T isional of any be generated as the continuity T is is a continuity T is is a continuity T is	ce required bification. Type Type erated withing foreign prior on data sheet	Prior Applicati 60/540161 Prior Applicati 60/598241 n this form by s	on Number on Number electing any prior fore	Rei Filing Da 2004-01-29 Filing Da 2004-01-29 Filing Da 2004-08-00	move stee (YYYY-MM-DD) and the (YYYY-MM-DD) and the (YYYY-MM-DD) and the (YYYY-MM-DD) and for which priority is by 35 U.S.C. 119(b)

PTO/SB/14 (08-05) Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Da	ta Sheet 37 CFR 1.76	Attorney Docket Number	2004008611
Application be	ita officer of of it 1.70	Application Number	
Title of Invention	SYSTEM AND METHOD FO	R FAILSOFT HEADEND OPER	ATION

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.									
Assignee 1 Remove									
If the Assignee is an Organization check here.									
Prefix	Given Name	Middle Name	Family Name	Suffix					
Mailing Address Info	mation:								
Address 1									
Address 2									
City		State/P	Province						
Country i		Postal (Code						
Phone Number		Fax Nu	mber						
Email Address			·						
Additional Assignee Data may be generated within this form by selecting the Add button.									

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.									
Signature	/Jeremy J. Curcuri/		Date (YYYY-MM-DD)	2006-07-28					
First Name	Jeremy	Last Name	Curcuri	Registration Number	42454				

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552)
 and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine
 whether the Freedom of Information Act requires disclosure of these records.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an
 individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of
 the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.